



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
PTO-1449**

DOCKET NO.
12170/6

SERIAL NO.
09/809,025

APPLICANT
Jeffrey LANGE

FILING DATE
March 16, 2001

GROUP
2812

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
H7D	5,275,400	January 4, 1994	Weingardt et al.			
↓	6,134,536	October 17, 2000	Shepherd			
↓	6,321,212	November 20, 2001	Lange			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	01/08063	February 1, 2001	WO			X	

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
H7D		Garahi et al., U.S. Patent Publication No. 2001/0047291, published November 29, 2001.
H7D		Burton, U.S. Patent Publication No. 2002/0052819, published May 2, 2002.
		Christian S. Pedersen, "Derivatives and downside risk", Derivatives Use, Trading & Regulation, volume 7, issue 3, London, pp. 251-268, 2001.

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EXAMINER

Harish Das

DATE CONSIDERED

Aug 29, 05

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*
H7D	4,903,201	February 20, 1990	Wagner			
↓	5,749,785	May 12, 1998	Rossides			
	5,794,207	August 11, 1998	Walker et al.			
	5,806,048	September 8, 1998	Kiron et al.			
	5,819,237*	October 6, 1998	Garman			
	5,845,266	December 1, 1998	Lupien et al.			
	5,873,782	February 23, 1999	Hall			
	5,911,136	June 8, 1999	Atkins			
	5,970,479	October 19, 1999	Shepherd			
	6,085,175	July 4, 2000	Gugel et al.			

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* - Copy of reference enclosed.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	01-019496	January 1989	JP				X

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
H7D		M. Pagano, et al, "Transparency and Liquidity: A Comparison of Auction and Dealer Markets with Informed Trading", <u>Journal of Finance</u> , 51, pp. 579-611, 1996.
↓		A. Madhavan, "Trading Mechanisms in Securities Market", <u>Journal of Finance</u> , 47, pp. 607-641, 1992.
		C. Schnitzlein, "Call and Continuous Trading Mechanisms Under Asymmetric Information", <u>Journal of Finance</u> , 51, pp. 613-636, 1996.
		N. Economides, et al, "Electronic Call Market Trading", <u>Journal of Portfolio Management</u> , pp. 10-18, Spring 1995.
↓		C.R. Plott, et al, "Parimutuel Betting Markets as Information Aggregation Devices: Experimental Results", <u>Caltech Social Science Working Paper 986</u> , April 1997.



EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
HTD	W. Takahiro, "A Parimutuel System with Two Horses and a Continuum of Bettors", <u>Journal of Mathematical Economics</u> 28, pp. 85-100, 1997.
	L. Shapley, et al., "Trade Using One Commodity as a Means of Payment", <u>Journal of Political Economy</u> 85, pp. 937-968, 1977.
	B. Bahra, "Implied Risk-Neutral Probability Density Functions From Option Prices: Theory and Application", Bank of England, ISSN 1368-5562, 1997.
	S. Athanasoulis, et. al., "Macro Markets and Financial Security", <u>FRBNY Economic Policy Review</u> , pp. 21-39, April 1999.
	T. Watanabe, et al., "A Model of a General Parimutuel System: Characterizations and Equilibrium Selection", <u>International Journal of Game Theory</u> 23, pp. 237-260, 1994.
	Robert A. Schwartz, "Integrating Call and Continuous Markets", <u>Securities Traders' Monthly</u> , pp. 14-16, September 1991.
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	Tatiana Helenius, Real bonds, real-time, real fast, <u>Wall Street & Technology</u> , pp. 1-4, April 1998.
	W.J. Hurley, On the use of Martingales in Monte Carlo approaches to multiperiod parameter uncertainty in capital investment risk analysis, pp. 1-6, January 1998.
	Randhawa et al., Financial risk analysis using Financial Risk simulation Prog, pp. 1-4, September 1993.
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	Smith Terry Ross, A Statistical model for characterizing price variability with application to dairy investment analysis, pp. 1-2, January 1980.
	R. Merton, Continuous-Time Finance (1990) pp. 441.*

* - Copy of reference enclosed.

EXAMINER Harish Das	DATE CONSIDERED Aug 29, 05
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449	ATTY. DOCKET NO. 12170/6	SERIAL NO. 09/809,025
	APPLICANT Jeffrey LANGE	
	FILING DATE March 16, 2001	GROUP 2812

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
HTD	5,101,353	March 31, 1992	Lupien et al.			
↓	6,317,728	November 13, 2001	Kane			
	6,408,282	June 18, 2002	Buist			

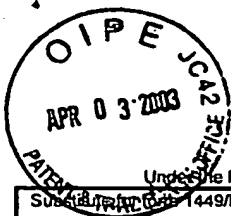
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet	1	of	3	Application Number	09/809,025
				Filing Date	March 16, 2001
				First Named Inventor	Jeffrey Lange
				Art Unit	2812
				Examiner Name	To be assigned
				Attorney Docket Number	12170/6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patenatee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

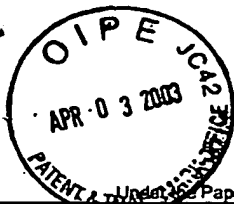
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patenatee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature	Date Considered
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Application Number	09/809,025
Filing Date	March 16, 2001
First Named Inventor	Jeffrey Lange
Art Unit	2812
Examiner Name	To be assigned
Attorney Docket Number	12170/6

Sheet 3 12170/6 3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS (CONTINUED)

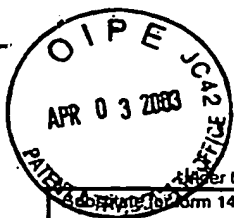
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H7D		L. WILLIAMS, "Information Efficiency In Betting Markets: A Survey", <u>Bulletin of Economic Research</u> , 1999, pp. 1-30, vol. 51-no. 1, Blackwell Publishers, Malden, MA.	

Examiner Signature	Harish Das	Date Considered	Aug 29, 05
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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				Application Number	09/809,025
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				Examiner Name	To be assigned
Sheet	2	12170/6	3	Attorney Docket Number	12170/6

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/	/	A. BRUCE, ET AL, "Investigating the Roots of the Favourite-Longshot Bias: An Analysis of Decision Making by Supply- and Demand-Side Agents in Parallel Betting Markets", <u>Journal of Behavioral Decision Making</u> , 2000, pp.413-430, vol. 13-no. 4, John Wiley & Sons, Ltd.			
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